NRDs Are Managing Water Statewide:

Upper Big Blue Natural Resources District

York, NE; Updated: September 10, 2015

Nebraska's 23 Natural Resources Districts (NRDs) are uniquely positioned to manage the conservation of the state's natural resources through local governance. Because of Nebraska's diverse geology, climatology, and hydrology, each NRD—and it's locally elected board of directors—are able to enact rules, regulations, and programs that can assist its District's citizens and protect local natural resources for future generations to share. Water management regulations in particular include allocating groundwater, augmenting surface water, requiring flow meters, instituting well drilling moratoriums, requiring water use reports, and restricting the expansion of irrigated acres. Individual NRDs use these regulations in different combinations and to different degrees depending on their respective geographic areas of concern. Below is a map showing all 23 NRDs and their most recent status of water management techniques.

So why does this matter to you? Quite simply, Nebraska's NRDs are working to ensure that you and future generations can continue to share in the use and enjoyment of our natural resources. Nebraska's NRDs: Protecting Lives, Protecting Property, and Protecting the Future...

Required Water Sampling:

No

management efforts for protection is required. It is best to consult NRD GROUNDWATER QUALITY REGULATIONS ACROSS NEBRASKA with your local NRD to identify with their programs. The phases listed here are only the phases currently triggered. (September 2015) Water Quality Management Areas: Yes Required Operator Training: Yes Urban ☐ Rural 🖾 Both ☐ Water Quality Management Areas: Required Fertilizer Application Dates: Yes Required Operator Training: Yes Required Soil Sampling: Yes Urban ☐ Rural 🔯 Both ☐ Water Quality Management Areas: Required Water Sampling: Yes Required Fertilizer Application Dates: Yes Water Quality Management Areas: Water Quality Management Areas: Yes Yes Required Operator Training: Required Soil Sampling: Yes Required Operator Training: Required Operator Training: Yes Urban ☐ Rural 🔯 Both ☐ Water Quality Management Areas: Yes Required Water Sampling: Yes Urban ☐ Rural 🗱 Both ☐ Urban Rural Both Required Fertilizer Application Dates: Yes Required Operator Training: Yes Required Fertilizer Application Dates: Yes Required Fertilizer Application Dates: No Required Soil Sampling: Yes Urban ☐ Rural ☑ Both ☐ Required Soil Sampling: Required Soil Sampling: Yes Required Water Sampling: Yes Yes Required Fertilizer Application Dates: Yes Required Water Sampling: Yes Required Water Sampling: Yes Required Soil Sampling: Yes Water Quality Management Areas: Required Water Sampling: Yes Water Quality Management Areas: Required Operator Training: No Required Operator Training: Urban ☐ Rural ☐ Both ☐ Urban ☐ Rural ☐ Both ☐ Required Fertilizer Application Dates: No Required Fertilizer Application Dates: Lewis & Required Soil Sampling: Lower Niobrara NRD No Middle Niobrara NRD Required Soil Sampling: No Required Water Sampling: No Upper Niobrara -Clark NRD Required Water Sampling: No White NRD Water Quality Management Areas: Water Quality Management Areas: Yes Required Operator Training: Yes Upper Elkhorn NRD Required Operator Training: Yes Urban ☐ Rural 🐹 Both ☐ Lower Urban ☐ Rural ☐ Both Required Fertilizer Application Dates: Yes Elkhorn NRD Required Fertilizer Application Dates: Yes Required Soil Sampling: Yes Upper Loup NRD Required Soil Sampling: Yes Required Water Sampling: Yes Papio -Required Water Sampling: Yes (on new wells) Missouri North Platte NRD Water Quality Management Areas: River NRD Water Quality Management Areas: Required Operator Training: Lower Loup NRD Yes Lower Platte Required Operator Training: Urban Rural Both North NRD Urban Rural Both Required Fertilizer Application Dates: Yes Twin Platte NRD Required Fertilizer Application Dates: South Platte NRD Yes Required Soil Sampling: Yes Required Soil Sampling: Required Water Sampling: Yes Required Water Sampling: Yes, on new wells Lower Platte **Upper Big** South NRD (Upper Water Quality Management Areas: Blue NRD Central Platte NRD Water Quality Management Areas: Republican Required Operator Training: No Required Operator Training: Urban Rural Both NRD Urban ☐ Rural ☐ Both ☐ Water Quality Management Areas: Yes Middle Required Fertilizer Application Dates: Nemaha NRD No Tri-Basin NRD TWIN PLATTE Required Operator Training: No Lower Required Fertilizer Application Dates: Yes Required Soil Sampling: No Republican Little Blue NRD Urban ☐ Rural ☐ Both ☐ Required Soil Sampling: Big Blue No Required Water Sampling: No NRD Required Fertilizer Application Dates: Required Water Sampling: No No - NRD Required Soil Sampling: No Lower Republican NRD No Required Water Sampling: EDITOR'S NOTE: The information presented Water Quality Management Areas: Yes OWER BIG BLUE statewide reflects water management and Required Operator Training: Yes conservation data as of September, 2015 Urban Rural Both Water Quality Management Areas: Yes Water Quality Management Areas: Water Quality Management Areas: Required Operator Training: Required Fertilizer Application Dates: Yes Required Operator Training: This map is intended for general reference only. Required Operator Training: Urban Rural Both Required Soil Sampling: Yes Urban □ Rural □ Both □ District, and sub-area specific rules and Urban □ Rural □ Both Required Fertilizer Application Dates: Yes Required Water Sampling: Yes Required Fertilizer Application Dates: No regulations are put in place by a locally elected Required Fertilizer Application Dates: Yes Required Soil Sampling: Yes board of directors for each Natural Resources Required Soil Sampling: No Required Soil Sampling: Yes Required Water Sampling: Yes District. As a result, rules and regulations are Required Water Sampling: Water Quality Management Areas: Yes Required Water Sampling: No subject to change per local board action. Not all Required Operator Training: restrictions pertaining to water management are Urban Rural Both Water Quality Management Areas: Yes Water Quality Management Areas: represented on this map. Please contact your Water Quality Management Areas: Required Fertilizer Application Dates: Yes Required Operator Training: Yes local NRD to obtain the most current rules and Required Operator Training: Required Operator Training: Yes Required Soil Sampling: Yes Urban Rural Both Urban ☐ Rural ☐ Both ☐ regulations for that District. Urban ☐ Rural 🕱 Both ☐ Required Water Sampling: Yes Required Fertilizer Application Dates: Required Fertilizer Application Dates: No Required Fertilizer Application Dates: No Required Soil Sampling: Information gathered and published by: Yes Required Soil Sampling: No Required Soil Sampling: No Yes

Required Water Sampling:

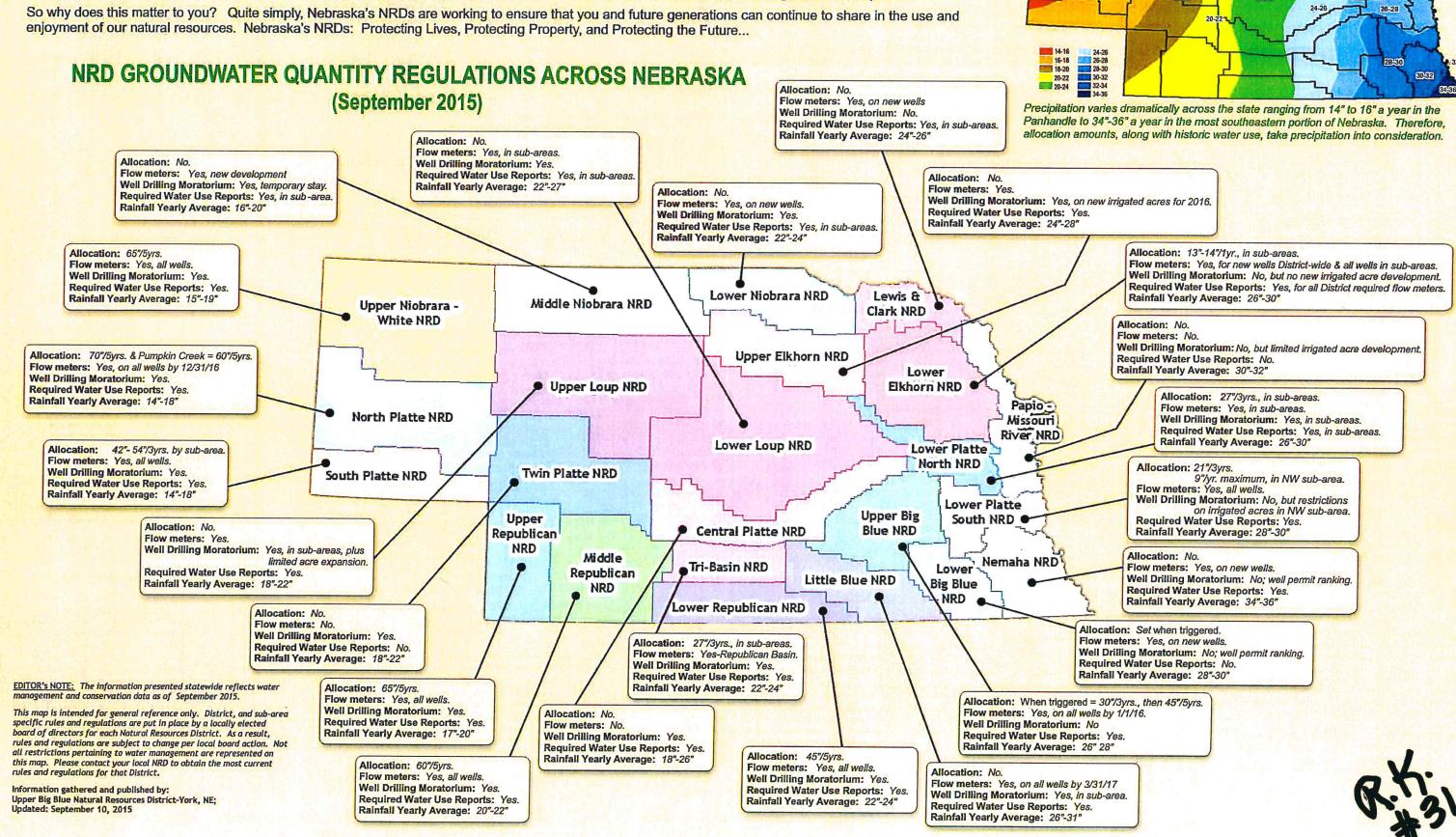
Required Water Sampling:

No

In reference to Phase I, II, III and IV areas, NRDs utilize trigger points signifying specific levels of nitrate in groundwater through monitoring well testing. These triggers are put in place to protect the drinking water supply. Trigger points may vary within the individual NRD boundary, but are relative to the safe drinking water standards mandated federally. A district may have all, none, or part of its districts designated as Phase I, II, III and IV areas, or any combination. The higher the Phase, the more implementation of

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Average Yearly Rainfall

28:30

for Nebraska

20-22

18-20

93-26